

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on May 17, 2010 has been entered.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

3. Authorization for this examiner's amendment was given in a telephone interview with Robert D. McCutcheon (Reg. No. 38,717) on 18 June 2010.

4. The application has been amended as follows:

IN THE DRAWINGS

“Fig. 1” has been labeled as --Fig. 1 -- Prior Art --

“Fig. 2” has been labeled as --Fig. 2 -- Prior Art --

IN THE CLAIMS

Claims 2, 5 and 8 has been cancelled.

Claim 1 has been amended as follows:

1. (Currently Amended) A method for implementing a Push service, the method comprising:

a Push Initiator sending a Push message to a Short Message Service Center through a Push Proxy Gateway (PPG);

the Short Message Service Center segmenting the Push message to obtain a group of short messages, and scheduling the group of short messages in a transaction mode and delivering them to a mobile station, wherein said transaction mode refers to continuously sending in a predetermined time a group of short messages obtained by segmenting, and resending one or more one of the messages when they are sent unsuccessfully;

wherein the group of short messages are recombined by the mobile station after being received by the mobile station, and if all the short messages of the group obtained by segmenting are sent to the mobile station successfully in a predetermined time, the Short Message Service Center (SMSC) returns only a single Acknowledgement Message, which is prepared by the SMSC in response to receiving a submission of the Push message from the PPG, to the PPG to inform the PPG that the Push message has been sent to the mobile station successfully, and the PPG sends a Result Notify Message to the Push Initiator according to the Acknowledgement Message; [, and]

if any one of the short messages of the group obtained by segmenting is sent unsuccessfully in a predetermined time, the Short Message Service Center returns only a single

Submission Failure Message, which is prepared by the SMSC in response to receiving the submission of the Push message from the PPG, to the PPG to inform the PPG that the Push message has not been sent to the mobile station successfully, and the PPG sends a Result Notify Message to the Push Initiator according to the Submission Failure Message; and
wherein after sending the Push message to the Short Message Service Center, the PPG suspends the present transaction to wait for the processing result thereof from the Short Message Service Center and continues to process the next transaction.

Allowable Subject Matter

5. **Claims 1 and 6-7** (renumbered as **claims 1-3**, respectively) are allowed.
6. The following is a statement of reasons for the indication of allowable subject matter:
Claims 1 and 6-7 are allowed. The reasons for allowance are clear on the record and in view of Applicant's remarks (see pages, 6-7) filed on May 17, 2010.

Claims 6 and 7 are allowable based on their dependency on claim 1 respectively.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANTHONY S. ADDY whose telephone number is (571)272-7795. The examiner can normally be reached on Mon-Thur 8:00am-6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Edouard can be reached on 571-272-7603. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Anthony S Addy/
Examiner, Art Unit 2617